DVD Video Player
Owner's Manual

DVD640

Let's make things better.

PHILIPS

Important Note

DK

Advarsel:

Laserrudstråling ved åbning når sikkerhesafbrydere er ude af funktion. Undgå u tsættelse for stråling.

Bemærk:

Netafbryderen POWER er sekundært indkoblet og afbryder ikke strømmen fra nette. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

N

Observer:

Nettbryteren POWER er sekundert innkoplet. Den innebygdenetdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

S

Klass 1 laserapparat

Varning!

Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kann användaren utsättas för laserstrålning, som översjruder gränsen för läserklass 1.

Observera!

Strömbrytaren POWER är sekundärt kopplad och inte bryter strömmen fråan nätet Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i v ägguttaget.

SF

Luokan 1 laserlaite + Klass 1 laserapparat

Varoitus!

Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle lasersäleilille.

Huom.

Toiminnanvalitsin POWER on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

Important Note for Users in the UK

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1 Remove fuse cover and fuse.
2 Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or e) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.
Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Index

English ---------- 5

English

CAUTION
VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN AVOID EXPOSURE TO BEAM
ADVARSEL
SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING UNDGÅ UDSÆTTELSE FOR STRÅLING
VARNING
SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD BETRAKTA EJ STRÅLEN
VARO!
AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LASER SÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN
VORSICHT
SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG GEÖFFNET NICHT DEM STRAHL AUSSETSEN
ATTENTION
RAYONNEMENT LASER VISIBLE ET INVISIBLE EN CAS D'OUVERTURE EXPOSITION DANGEREUSE AU FAISCEAU

3141 016 19691

General Information

English

The region code for this set is 2.

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not playback, and should be unloaded.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

CE The DVD VIDEO player is in conformity with the EMC directive and low-voltage directive.

For Customer Use:

Read carefully the information located at the bottom of your DVD VIDEO player and enter below the Serial No. Retain this information for future reference.

Model No. DVD VIDEO
Serial No. _____

Laser safety

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

LASER	
Type	Semiconductor laser GaAlAs
Wave length	650 nm (DVD) 780 nm (VCD/CD)
Output Power	7 mW (DVD) 10 mW (VCD/CD)
Beam divergence	60 degree

CAUTION
(WARNING LOCATION: ON THE BACKPLATE OF SET)

NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

3141 016 19691

Contents

English

Introduction
Environmental Information ---------- 6
Supplied accessories ---------- 6
Safety Information ---------- 6
Symbols Used in this Manual ---------- 6

Functional Overview
Front and Rear Panels ---------- 7
Remote Control ---------- 8

Preparation
Basic Connections ---------- 9
Connecting to a TV ---------- 9
Connecting to an Audio System ---------- 10
Connecting to Optional Equipment ---------- 10
Inserting batteries into the Remote Control - 11
Using the Remote Control ---------- 11
Switching On ---------- 11

Operation
Basic Playback ---------- 12
General Features ---------- 12
- Video Control during playback ---------- 12
- Audio Control during playback ---------- 13
- Repeat ---------- 13
- Repeat A-B ---------- 13
- 5 disc Resume ---------- 13

OSD (On- Screen-Display) ---------- 13
- Title Selection ---------- 13
- Chapter Selection ---------- 13
- Time Search ---------- 14
- Zoom ---------- 14

Special DVD features ---------- 14
- Playing a title/chapter ---------- 14
- Camera Angle ---------- 14
- Changing the Audio Language ---------- 14
- Subtitles ---------- 14

Special VCD & SVCD Features ---------- 15
- Playback Control (PBC) ---------- 15
- Preview ---------- 15

Picture CD & MP3 CD Playback
Function introduction ---------- 16
Basic playback ---------- 16
Auto playback ---------- 16
Selection playback ---------- 16
Preview function ---------- 16
Playback with multi-angles ---------- 16
Playback Speed Control ---------- 16
Zoom picture ---------- 16

Setup Menu
Basic Operation ---------- 17
General Setup ---------- 17
- Disc Lock ---------- 17
- Program ---------- 17
- VFD Dim ---------- 18
- OSD Language ---------- 18
- Screen Saver ---------- 18

Speaker Setup ---------- 19
- DOWNMIX ---------- 19
- D.R.C. ---------- 19

SPDIF Setup ---------- 19
- SPDIF OUT Setup ---------- 19
- LPCM 96K Mode ---------- 20

Video Out Setup ---------- 20
- TV Display ---------- 20
- TV Type ---------- 21

Smart Picture ---------- 21
- Video Mode ---------- 21
- Personal Picture Setting ---------- 22

Preferences Setup ---------- 22
- Audio Language ---------- 22
- Subtitle Language ---------- 23
- Disc Menu Language ---------- 23
- Password ---------- 23
- Parental Control ---------- 24
- Default ---------- 24
- Smart Navigator ---------- 24

Specifications
Specifications ---------- 25

Maintenance
Maintenance ---------- 25

Troubleshooting
Troubleshooting ---------- 26

3141 016 19691

Introduction

English

Thank you for purchasing this Philips DVD player. This Owner's Manual explains the basic operation of this DVD player.

Environmental Information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your DVD player consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Supplied accessories

– Remote control
– Batteries (two AA size) for remote control
– Audio cable
– SCART cable *(not available for all versions)*
– CVBS cable
– Owner's Manual

Safety Information

- Before operating the DVD player, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) is identical with the voltage of your local power supply. If not, please consult your dealer.
- Place the DVD player on a flat, hard and stable surface.
- There must be sufficient room in front of the player for the drawer to be opened.
- In cabinet, allow about 2.5cm (1 inch) of free space all around the player for adequate ventilation.
- Do not expose your player to extreme of temperature or humidity.
- If the DVD player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the DVD player. Should this occur, the DVD player would not operate normally. Leave the power on for about one hour with no disc in the DVD player until normal playback is possible.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- **When the DVD player is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

Symbols Used in this Manual

The below symbols appear in some headings and notes with the following meanings:

DVD	– Description refers to playback of DVD-video discs
VCD	– Description refers to playback of Video CDs
CD	– Description refers to playback of Audio CDs

Helpful Hints!

- ***Some DVD video discs require specific functions or allow only limited functions during playback.***
- ***"🖐" may appears on the TV screen which means that the function is not available on that specific DVD video disc.***

3141 016 19691

English

Front and Rear Panels

POWER ON/OFF
– switches the player to ON or OFF

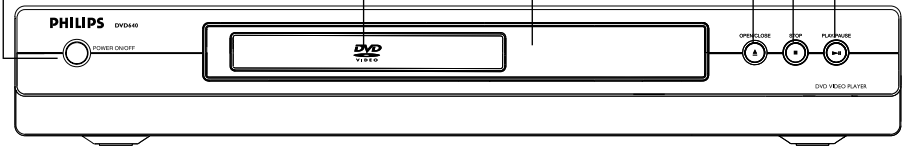
Disc Tray

IR Sensor
– receive signals from remote control

▶II PLAY/PAUSE
– to start or interrupt playback

■ STOP
– to stop playback

▲ OPEN/CLOSE
– to open/close the disc tray



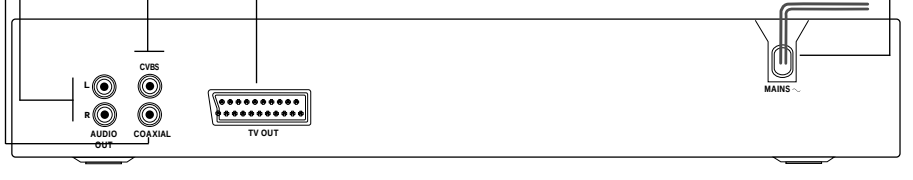
COAXIAL (Digital audio out)
– connect to AUDIO inputs of a digital (coaxial) audio equipment

AUDIO OUT (Left/Right)
– connect to AUDIO inputs of an amplifier, receiver or stereo system

CVBS (VIDEO OUT)
– connect to CVBS Video inputs of a TV

MAINS (AC Power Cord)
– connect to a standard AC outlet

TV OUT (VIDEO OUT)
– connect to a TV with SCART

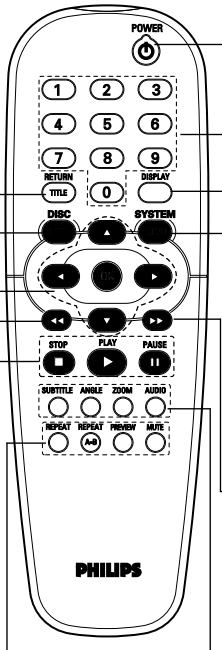


Caution: Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

3141 016 19691

Functional Overview

Remote Control



RETURN / TITLE
– go back to previous menu / to display title menu during playback

DISC MENU
– access menu of a DVD disc / to switch PBC on/off for VCD disc

◄ ► ▲ ▼
– (left/right/up/down) select an item in the menu

OK
– acknowledge menu selection

|◄◄
– go to a previous chapter or track

STOP (■)
– stop playback

PLAY (►)
– start playback

PAUSE (II)
– pause playback temporarily / frame-by-frame playback

REPEAT
– repeat chapter, track, title, disc

REPEAT (A-B)
– repeat a specific segment

PREVIEW
– display the content of a track or whole disc

MUTE
– disable or enable sound output

POWER ⏻
– switch DVD ON or go to standby-on mode

0-9 numerical key pad
– select numbered items in a menu

DISPLAY
– to display bit rate indicator during playback (DVD, SVCD)

SYSTEM MENU
– access or remove player's system menu

►►|
– go to next chapter or track

SUBTITLE
– subtitle language selector

ANGLE
– select DVD camera angle

ZOOM
– enlarge video image

AUDIO
– audio language selector

Note:
– Press numerical key pad "1" for 2 seconds to OPEN/CLOSE disc tray.

3141 016 19691

Basic Connections

- Please refer to the instruction manuals of your TV, VCR, Stereo System or other devices as necessary to make the best connections.
- Make one of the following connections, depending on the capabilities of your existing equipment.

The following guidelines are options for the best picture and sound quality available on your DVD player.

Picture

1 Use the CVBS Video Ouput for good picture quality.
2 Use SCART Output for best picture quality.

Sound

1 Digital audio connections provide the clearest sound. Connect one of the DVD player's DIGITAL AUDIO OUT (COAXIAL) to your amplifier or receiver.
2 If digital connections are not possible, connect the DVD player's Left and Right (white and red) AUDIO OUT to your amplifier, receiver, stereo or TV.

Warning!
– Never make or change connections with the power switched on.
– Connect the DVD player directly to your TV, instead of eg. a VCR, to avoid distortion because DVD video discs are copy protected.
– Do not connect the DVD player AUDIO OUT to PHONO IN of your amplifier or receiver.

Connecting to a TV

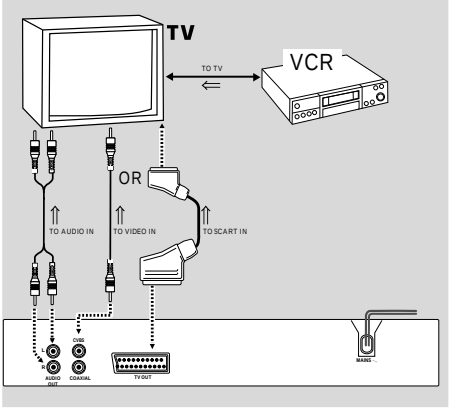
1 Connect the SCART (TV OUT) on the DVD player to the corresponding connector on the TV IN.

Note:
– Ensure that the "TV" indication on SCART cable is connected to the TV set and "DVD" indication on SCART cable is connected to the DVD player.

If your TV is not equipped with a SCART input, you can select the following connection:

If your TV has a CVBS Video input connector,

1 Connect the CVBS VIDEO OUT on the DVD player to the CVBS VIDEO IN.
2 Connect the Left and Right AUDIO OUT on the DVD player to the Left and Right AUDIO IN on the TV.

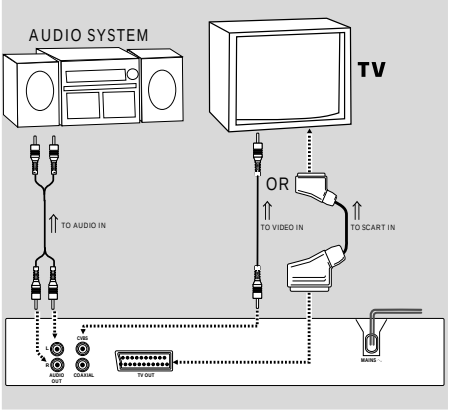


Preparation

Connecting to an Audio System

1 You can also listen to the sound of audio CDs and DVD video discs by connecting to an optional stereo system.

2 Connect the Left and Right AUDIO OUT on the DVD player to the Left and Right AUDIO IN on the stereo system.

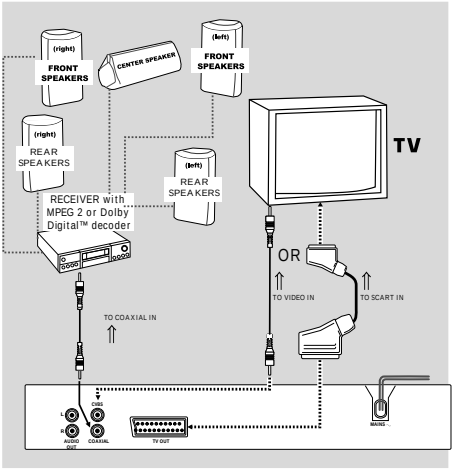


Connecting to Optional Equipment

- A digital component with a built-in MPEG 2 or Dolby Digital™ decoder allows you to enjoy the surround sound while producing the effect of being in a movie theater or a concert hall.
- The player outputs the surround sound signals from the DIGITAL OUT COAXIAL connectors.

If your receiver has a MPEG 2 or Dolby Digital™ decoder,

1 Connect the COAXIAL DIGITAL AUDIO OUT of the DVD player to the COAXIAL DIGITAL AUDIO IN on your receiver.



Notes:

– If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.

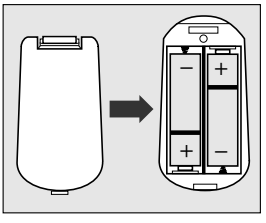
– To see the selected audio format of the current DVD in the Setup Menu, refer to "Setup Menu".

– MP3 Audio is not available on the Digital Output.

3141 016 19691

Inserting batteries into the Remote Control

1 Open the battery cover.
2 Insert batteries (AA size) with the correct polarity as indicated by the + and − symbols inside the battery compartment.
3 Close the cover.



CAUTION!
– Remove batteries if they are exhausted or not to be used for a long time.
– Do not use old and new or different types of batteries in combination.
– Batteries contain chemical substances, so they should be disposed off properly and kept away from children.

Using the Remote Control

- Direct the remote control at the remote sensor of the DVD player.
- Do not drop the remote control.
- Do not leave the remote control near extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.

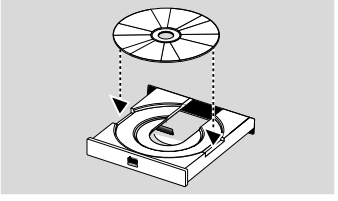
Switching On

1 Connect the AC power cord to the power outlet.
2 Switch on the TV and DVD player.
3 Set the TV to the correct Video IN channel. (eg. EXT1, EXT2, AV1, AV2, AUDIO/VIDEO, etc. (Refer to your TV owner's manual for detail)
➜ The player display lights up and the default screen appears on the TV.
4 If you are using an external equipment (eg. audio system or receiver), turn them on and select the appropriate input source that was used to connect to the DVD player output. Refer to the equipment owner's manual for detail.

Operation

Basic Playback

1 Press POWER ON/OFF on the front panel.
2 Press OPEN/CLOSE ▲ on the front panel to open disc loading tray.
3 Place the chosen disc in the tray, with the label facing up.
4 Press OPEN/CLOSE ▲ again to close the tray.
➜ Playback starts automatically.



Notes:
– DVDs may have a region code.Your player will not play discs that have a region code different from the region code of your player.
– If 'Disc Lock' is set to ON and the disc inserted is not authorised, the 4-digit code must be entered and/or the disc must be authorised (see 'Disc Lock'').

General Features

Note:
– Unless stated, all operations described are based on remote control use. Some operations can be carried out using the menu bar on the TV screen.

Video Control during playback

STOP DVD VCD CD SVCD

1 You can resume playback from the point where the playback was last stopped by pressing the STOP key once.
2 Playback will start from the beginning if you press STOP key twice to stop playback.

PAUSE/STEP

DVD VCD CD SVCD

1 Press PAUSE once to get a still picture during playback.
➜ Playback will pause.
2 To step forward to the next picture frame, press PAUSE again.
3 To resume normal playback, press PLAY.

SEARCH

DVD VCD CD SVCD

1 Press ◄ or ► during playback to go to the fast forward / backward searching.
2 Press ◄ or ► again to increase the speed for searching.
3 To resume normal playback, press PLAY.

SLOW MOTION

DVD

1 Press ▲ or ▼ during playback to get slow motion effect.
2 Press ▲ or ▼ again to get different playback forward/backward speed.
3 To resume normal playback, press PLAY.

VCD CD SVCD

1 Press ▲ during playback to get slow motion effect.
2 Press ▲ again to get different playback forward speed.
3 To resume normal playback, press PLAY.

Note:
– SLOW BACKWARD feature is not available for SVCD/VCD/CD discs.

3141 016 19691

Audio Control during playback

MUTE

DVD VCD CD SVCD

1 Press MUTE to disable the sound output.
2 Press MUTE twice to enable the sound output again.

SURROUND SOUND

DVD VCD CD SVCD

The DVD player can reproduce virtual surround sound effect.

1 Press DISPLAY on the remote control.
2 Use ◄ ► to highlight 3D option.
3 Press ▲▼ to switch between ON or OFF mode.

Audio Channel Selection

VCD CD SVCD

1 SVCD discs has two stereo audio channels which are used for playing karaoke or for selecting the audio language. (eg. choose one channel for music background of the song while playing a karaoke disc).
2 Press AUDIO on the remote control to select the preferred audio channel.
3 VCD discs has only one channel.
Mono left audio or mono right audio channel by pressing the AUDIO on the remote control.

Repeat

DVD

Repeat chapter/title/disc

- To repeat the current chapter, press REPEAT.
- To repeat the current title, press REPEAT a second time.
- To exit Repeat mode, press REPEAT a third time.

VCD CD

Repeat track/disc

- To repeat the current track, press REPEAT.
- To repeat the entire disc, press REPEAT a second time.
- To exit Repeat mode, press REPEAT a third time.

Repeat A-B DVD VCD CD

– DVD-Video Discs: repeat a sequence in a title

– Video and Audio CDs: repeat a sequence in a track

1 Press REPEAT A-B at your chosen starting point.
2 Press REPEAT A-B again at your chosen end point.
➜ The playback of the repeat sequence begins.
3 To exit the sequence, press REPEAT A-B.

5 Disc Resume

DVD VCD CD SVCD

The RESUME feature applies not only to the disc in the player, but also to the last four discs you have played.

1 Simply reload the disc on the disc tray.
2 Press PLAY.
➜ Playback resume from the point at which you've last stopped.

OSD (On-Screen Display)

DVD VCD CD SVCD

A number of operations can be done with the menu bar on the screen.

1 Press DISPLAY on the remote control to access to the menu bar.

Title Selection

1 Press ◄► to highlight TITLE number option.
2 Press ▲ ▼ to change the Title number.
➜ Playback will start from the selected Title.

Chapter Selection

1 Press ◄► to highlight CHAPTER number option.
2 Press ▲ ▼ to change the Chapter number.
➜ Playback will start from the selected Chapter.

Operation

Time Search

The Time Search function allows you to start playing at any chosen time on the disc.

1 Press ◄► to highlight Time Display.
DVD discs:
➜ CC: Total time played in Current Chapter
➜ CR: Remainder time in Current chapter
➜ TC: Total time played in Current Title
➜ TR: Remainder time in Current Title

SVCD or VCD discs:
➜ DC: Total time played in Current Disc
➜ DR: Remainder time in Current disc
➜ TC: Total time played in Current Track
➜ TR: Remainder time in Current track

2 Press ◄► to highlight item TIME and playback starts from the selected time position on the disc.
➜ Enter hours, minutes and seconds from left to right in the time edit box using remote control numerical key pad.
➜ Press OK to confirm the selected time.

Zoom DVD VCD SVCD

The Zoom function allows you to enlarge the video image.

1 Press ZOOM on the remote control to activate the zoon function.
2 Use the ◄► ▲▼ keys to pan across the screen.
➜ Playback will continue.
3 Press ZOOM again, to exit zoom mode and return to original size.

Note:
– This function is subject to availability of the disc.

Special DVD Features

Playing a title/chapter

- DVD video discs may have one or more TITLES, and each TITLE may have one or more CHAPTERS.
- Playback stops at the end of each TITLE.

1 Insert a disc and close the tray, playback starts automatically.
➜ The display on the screen shows the type of disc loaded, disc's information and playing time.
2 When the Disc Menu appear on the TV screen, use ▼▲◄► keys or numerical keys on the remote control to select an option and continue playback.
3 If the titles are numbered , press the numerical keys or use the ▼ ▲ keys to select desired title in the menubar.
4 Press OK to confirm the selection.

Camera Angle DVD

Some discs contain scenes which have been shot simultaneously from various angles.
This DVD player allows you to select the desired camera angle.

- Press ANGLE on the remote control repeatedly to display the multiple angles (4/4, 3/4, 2/4, 1/4).

Note:
– This function is subject to availability of the DVD disc.

Changing the audio language DVD

- Press AUDIO on the remote control repeatedly to select the different languages.

Note:
– This feature is subject to availability of the disc.

Subtitles DVD SVCD

1 Press the SUBTITLE key on the remote control repeatedly to select the different subtitles.
2 Press SUBTITLE for about 2 seconds to switch subtitle off.

Note:
– This feature is subject to availability of the disc.

3141 016 19691

Special VCD & SVCD Features

Playback Control (PBC)

1 Load a Video CD with PBC and press PLAY.
2 Press DISC MENU on the remote control.
➜ Menu appears on the screen.
3 Use |◄◄ or ►►| to select your preferred page.
4 If the PBC menu consists of a list of numbered index menu, enter your choice with the numerical key pad (0-9) or ◄ ►▲▼ keys for direct selection.
4 Press OK to confirm playback.

Notes:
– You can also press RETURN to enter the index menu during playback.
– This feature is subject to availability of the disc.

If you want to skip the index menu and playback from the beginning,

- Press DISC MENU on the remote control to switch off the function.
- For karaoke discs, even if the PBC function is off, you can still use the |◄◄ or ►►| to select your preferred track.

Preview VCD SVCD

- At stop mode, press PREVIEW on the remote control.
➜ The preview menu will be displayed.

1. INTRO
DVD player will playback every track for few seconds with full screen to obtain a summary of the disc content.
1 Press numerical key pad '1'.
2 Press OK to confirm.
➜ The full screen of each track will appear in sequence.
3 Press STOP to quit previewing.

2. DISC
Reduce the picture of 9 tracks enough to display in a full screen.

1 Press numerical key pad '2'.
2 Press OK to confirm.
➜ The preview of 9 track with full screen will appear.
3 To select other tracks beyond this page, press |◄◄ or ►►|.
4 Press the numerical key pad to select preferred track.
5 Press OK to confirm.

3. TRACK
Reduce the picture of a single track enough to display in a full screen.

1 Press numerical key pad '3'.
2 Press OK to confirm.
➜ The preview of one track with 9 parts in a full screen will appear.
3 To select other tracks, press |◄◄ or ►►|.
4 Press the numerical key pad to choose the starting point.
5 Press OK to playback the starting point.

4. EXIT
1 Press numerical key pad '4'.
2 Press OK to exit.

Picture CD & MP3 CD Playback

Function introduction

This player can playback JPEG format pictures and MP3 files and especially can be compatible with Kodak Picture CD.
Picture CD is a disc with the collection of JPEG format pictures, as customers prefer, and all extension filename should be ended with 'JPG'. The CD can be burned on every computer, and pictures maybe from digital camera or scanner. If the customers prefer, they may make this CD become a Digital Album.

For playing this Digital Album (picture CD) conveniently, our DVD player can

- Playback pictures one by one automatically.
- Display the picture customer preferred.
- Zoom the picture.
- Rotate the picture.
- Flip the picture vertically or horizontally.
- Control the playback speed.
- Album and track selection.
- Repeat (disc / album / track / picture).
- Nested directory levels supported to 8 levels.
- Maximum album numbers possible is 32.
- Maximum MP3 Tracks Program mable is 96.

Basic playback

1. At the state of "NO DISC", press the SYSTEM MENU key to open the setup menu.
2. Press the ▲ ▼ key to highlight the PREFERENCE item.
3. Press OK to open the PREFERENCE menu.
4. Press the ▲ ▼ to highlight the SMART NAV.
5. Press OK to open the menu.
6. Press the ▶ key to enter the menu.
7. Press the ▲ ▼ key to highlight the NO MENU or WITH MENU item.
   ➜ NO MENU: playback all images in sequence automatically, and MP3 musics will be played prior to pictures.
   ➜ WITH MENU: playback images in the selected folder.
8. Press the OK key to confirm your selection.

The special function during playback:

Auto playback

After you open one picture, the player can playback each file in sequence automatically.

Selection playback

1. Press the numerical key to select your favourite file directly.
2. In the JPEG playback menu, press the ◀ ▶ ▲ ▼ key to select the folder you want and press the OK to open it.
3. Press the ◀ ▶ ▲ ▼ key to highlight your favourite file and press the OK key to confirm.

Preview function

1. Press the PREVIEW key at the STOP mode. You will see nine pieces of minified pictures on the screen.
2. Press the ▶▶| or |◀◀ key to display the next or the previous nine-picture-preview.
3. Press the ◀ ▶ ▲ ▼ key to highlight one of them and press the OK to display.

Playback with multi-angles

When displaying one picture on TV screen

- Press the ▲ ▼ ◀ key to get different effects.
  ▲ key: Flip the picture vertically.
  ▼ key: Flip the picture horizontally.
  ◀ key: rotate the picture anti-clockwise.

Playback Speed Control

- Press the ▶ key to adjust the playing back speed.

Zoom picture

- Press the ZOOM key to display the picture with different scales.
- Press the ◀ ▶ ▲ ▼ key to view the rest of the zoomed picture.

Picture CD & MP3 CD Playback Note:
If you want to switch MP3 musics or pictures during automatical playback, please press the valid number as showed on the TV screen after the DVD player indexed the MP3 musics and pictures included in the loaded disc.

Proper playing back of CD-R for Picture CD and MP3 files is dependent on various factors like physical properties of the blank CD-R used, type of CD Writer used etc. Therefore in order to ensure proper playing back of your favorite pictures (Jpeg) and music album (MP3), we recommend that your disc contains at least about 60~100 pictures or 20~30 MP3 musics before using it on the player."

3141 016 19691

English

Basic Operations

1 At Stop mode, press SYSTEM MENU to enter the Setup menu.
➜ Setup menu appears on the TV screen.
2 Press OK to enter to next submenu or confirm your selection.
3 Use ◄ ► keys to enter the submenu or return to previous menu.
4 Use ▲▼ keys to select the preferred option.
5 Press SYSTEM MENU again to exit from the Setup Menu.
➜ All settings will be stored in the DVD player's memory even if the DVD player is switched to power off.

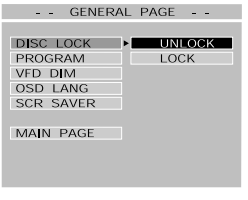
General Setup

Some settings are essential during the start up of the DVD player. For example: DISC LOCK, PROGRAM, OSD LANGUAGE and SCREEN SAVER.

1 Press SYSTEM MENU to enter the Setup menu.
2 Press ▲▼ keys to choose GENERAL SETUP menu.
3 Press OK to confirm selection.
➜ Setting for GENERAL SETUP menu appears on the TV screen.
4 To exit to default screen, select MAIN PAGE.

Disc Lock

When a disc is lock
ed with a code, the code will be store in the DVD player's memory.
During playback of the locked disc, the DVD player will prompt for the password.

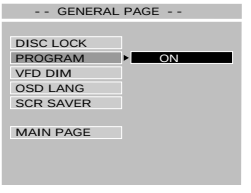


1 Press ▲▼ keys to select the DISC LOCK in the General Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ► key.
➜ LOCK: Lock the disc being played.
➜ UNLOCK: Unlock the disc.
3 Press ◄ key to return to General Setup menu.

Notes:
– When playback a locked disc, the DVD player will prompt to enter your password or 3308 (default) password.
– To change the password, refer to option PASSWORD in PREFERENCE menu.

Program *(not available for DVD discs)*

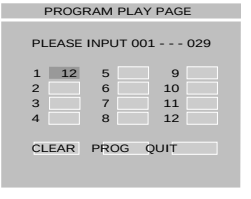
1 Select PROGRAM using ▲▼ keys and press OK to open the menu.
2 Enter the submenu by pressing the ► key.
➜ ON: To access into Program mode.



3 Press OK to enter into the Program page.

Storing a track

1 Enter a valid track number using the numerical key pad.
2 Press ◄ ►▲▼ keys to move the cursor to next selected position.
3 Repeat above sequence to enter another track number until the whole program is completed.
4 Press |◄◄ or ►►| to program more tracks.



Exclude a track

1 Press ◄ ►▲▼ keys to move the cursor to the track that you want to exclude.
2 Enter an invalid track number.

3141 016 19691

Setup Menu

Cancel all tracks

1 Press ◄ ►▲▼ keys to move the cursor to the CLEAR button.
2 Press OK to erase all tracks.
3 Now you can input your favourite tracks again.

Playback tracks

When programming is completed,
1 Press ◄ ►▲▼ keys to move the cursor to the PROG button.
2 Press OK.
➜ Playback starts with the selected programmed sequence.

Stop the program playback

At the program page,
1 Press ◄ ►▲▼ keys to move the cursor to the QUIT button.
2 Press OK to exit this menu or press STOP key twice to exit while playing.

VFD Dim

This function is used to adjust the brightness of the VFD on the front panel.
1 Press ▲▼ keys to select the VFD DIM in the General Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ► key.
3 Use the ▲▼ keys to highlight an option.
➜ 100% : VFD brighter than normal.
➜ 70% : standard brightness
➜ 40% : VFD to dim mode
4 Press OK and press ◄ key to return to General Setup menu.

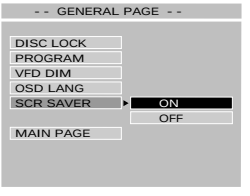
OSD Language

There is only 14 languages available for information displayed on the TV screen.

1 Press ▲▼ keys to select the OSD LANG in the General Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ► key.
3 Use the ▲▼ keys to highlight an option.
➜ ENGLISH: OSD information will be displayed in English.
➜ FRENCH: OSD information will be displayed in Français and etc.
4 Press OK and press ◄ key to return to General Setup menu.

Screen Saver

This function is used to turn on or off the screen saver.



1 Press ▲▼ keys to select the SCR SAVER in the General Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ► key.
3 Use the ▲▼ keys to highlight an option.
➜ ON: At stop mode, screen saver will turn on within 5-6 minutes.
➜ OFF: Screen is disable.
4 Press OK and press ◄ key to return to General Setup menu.

3141 016 19691

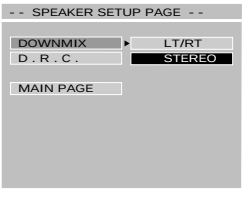
English

Speaker setup

This menu contains setup options of your speaker system, such as DOWNMIX and D.R.C (Dynamic Range Compression).

1 Press SYSTEM MENU to enter the Setup menu.
2 Press ▲▼ keys to choose SPEAKER SETUP menu.
3 Press OK to confirm selection.
➜ Setting for SPEAKER SETUP menu appears on the TV screen.
4 To exit to default screen, select MAIN PAGE.

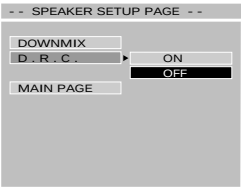
DOWNMIX mode



1 Press ▲▼ keys to select the DOWNMIX in the Speaker Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ LT/RT: Select this settings when the DVD player is connected to a Dolby Prologic decoder which send a signal output from the DVD player.
➜ STEREO: This setting will downmix the signal of Dolby Digital and DTS into stereo signals directly output from L/R connector.
4 Press OK and press ◀ key to return to Speaker Setup menu.

D.R.C (Dynamic Range Compression)

To optimised the dynamic sound output. High volume outputs are softened, enabling you to watch your favourite action movie without disturbing others.



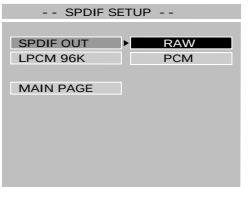
1 Press ▲▼ keys to select the D.R.C. in the Speaker Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ ON: Enable D.R.C.
➜ OFF: Disable D.R.C.
4 Press OK and press ◀ key to return to Speaker Setup menu.

SPDIF setup

1 Press SYSTEM MENU to enter the Setup menu.
2 Press ▲▼ keys to choose SPDIF SETUP menu.
3 Press OK to confirm selection.
➜ Setting for SPDIF setup menu appears on the TV screen.
4 To exit to default screen, select MAIN PAGE.

Note:
– SPDIF is the abbreviation of Sony Philips Digital Interface which is a protocol of digital data transfering.

SPDIF OUT setup

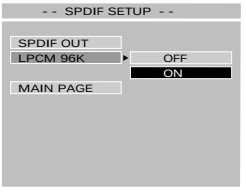


1 Press ▲▼ keys to select the SPDIF OUT in the SPDIF Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ RAW: Original digital signals output
➜ PCM: Convert to PCM signals to digital output.
4 Press OK and press ◀ key to return to SPDIF Setup menu.

3141 016 19691

Setup Menu

LPCM 96K mode



1 Press ▲▼ keys to select the LPCM 96K in the SPDIF Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ ON: Detect the loading disc for appropriate sampling rate.
➜ OFF: The decoding process is under the sampling rate of 48KHz.
4 Press OK and press ◀ key to return to SPDIF Setup menu.

Video Out Setup

Some settings that are included in VIDEO OUT PAGE menu are: TV DISPLAY, TV TYPE, VIDEO MODE, BRIGHTNESS, CONTRAST, SATURATION.

1 Press STOP twice.
2 Press SYSTEM MENU to enter its menu.
3 Select the VIDEO OUTPUT SETUP by pressing ▲▼ key and OK the confirm selection.

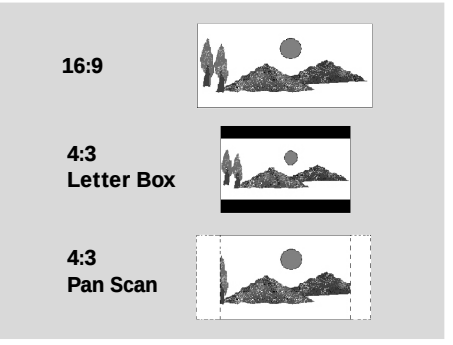
TV Display

Select the aspect ratio of the TV to be connected.

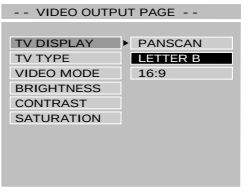
16:9 ➜ when you connect a wide-screen TV to the DVD player.

4:3 LETTER B ➜ when you connect a normal TV to the DVD player. Displays a wide picture with bands displayed on the upper and lower portions of the TV screen.

4:3 PANSCAN ➜ when you connect a normal TV to the DVD player. Displays the wide picture on the whole TV screen with a portion automatically cut off.



1 Press ▲▼ keys to select the TV DISPLAY in the General Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.

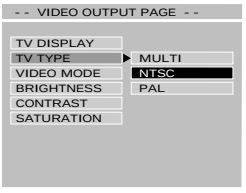


4 Press OK and press ◀ key to return to VIDEO OUTPUT Setup menu.

3141 016 19691

TV Type

This player is equipped with an NTSC/PAL settings to ensure that the DVD player system matches your TV.

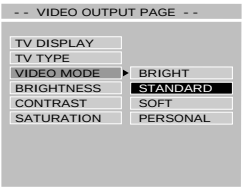


1 Press ▲▼ keys to select the TV TYPE in the General Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ MULTI: Video output is depending on the format of the disc.
➜ NTSC: DVD player will output only NTSC system.
➜ PAL: DVD player will output only PAL system.
4 Press OK and press ◀ key to return to VIDEO OUTPUT Setup menu.

Smart Picture

You can select one of the predefined set of colour settings and one set (Personal) which you can define yourself.

Video mode



You can choose one picture setting from a fixed predefined set (Bright, Standard and Soft).
1 Press ▲▼ keys to select the VIDEO MODE in the VIDEO OUT Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ BRIGHT: TV screen brighter
➜ STANDARD: Standard picture setting
➜ SOFT: TV screen softer
➜ PERSONAL: Reapply the previous setting
4 Press OK and press ◀ key to return to VIDEO OUTPUT Setup menu.

Setup Menu

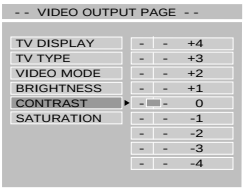
Personal Picture setting

Personal picture setting includes setup of BRIGHTNESS, CONTRAST and SATURATION which allows you to personalise your picture setting.

Brightness

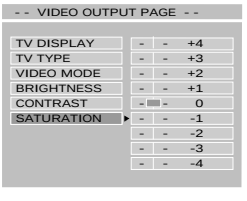
1 Press ▲▼ keys to select the BRIGHTNESS in the VIDEO OUT Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to adjust the brightness level.
4 Press OK and press ◀ key to return to VIDEO OUTPUT Setup menu.

Contrast



1 Press ▲▼ keys to select the CONTRAST in the VIDEO OUT Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to adjust the contrast level.
4 Press OK and press ◀ key to return to VIDEO OUTPUT Setup menu.

Saturation



1 Press ▲▼ keys to select the SATURATION in the VIDEO OUT Setup menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to adjust the saturation level.
4 Press OK and press ◀ key to return to VIDEO OUTPUT Setup menu.

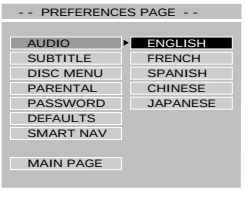
Preferences setup

Some settings that are included in PREFERENCES menu are: AUDIO, SUBTITLE, DISC MENU, PARENTAL CONTROL, PASSWORD, DEFAULT and SMART NAV.

1 Press STOP twice.
2 Press SYSTEM MENU to enter its menu.
3 Select the PREFERENCES by pressing ▲▼ key and OK the confirm selection.

Audio language

DVD discs are available for multi-audio languages. Use these settings to select your preferred default language.



1 Press ▲▼ keys to select the AUDIO in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
4 Press OK and press ◀ key to return to Preferences menu.

Notes:

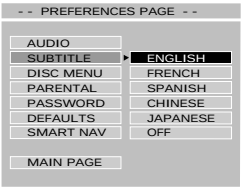
– This feature is subject to availability of the disc.

– If the language selected is not available on the disc, the default language designated by each disc will be selected.

3141 016 19691

Subtitle language

DVD discs are available for multi-subtitle languages. Use these settings to select your preferred default language.

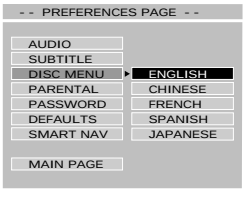


1 Press ▲▼ keys to select the SUBTITLE in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
4 Press OK and press ◀ key to return to Preferences menu.

Notes:
– This feature is subject to availability of the disc.
– If the language selected is not available on the disc, the default language designated by each disc will be selected.

Disc menu language

DVD discs are available for multiple disc menu languages. Use these settings to select your preferred default language.

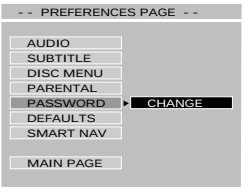


1 Press ▲▼ keys to select the DISC MENU in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
4 Press OK and press ◀ key to return to Preferences menu.

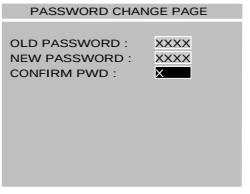
Notes:
– This feature is subject to availability of the disc.
– If the language selected is not available on the disc, the default language designated by each disc will be selected.

Password

You can change the setup of parental control and disc lock. Enter your password when required by the DVD player.



1 Press ▲▼ keys to select the PASSWORD in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Press OK to change the password.



4 Enter the current 4 digit code.
5 Enter a new 4-digit code when the DVD player prompt for a new code.
6 Enter the code a second time to reconfirm.
5 Press PLAY key to return to Preferences menu.
➜ The new 4 digit code will be taken effect.

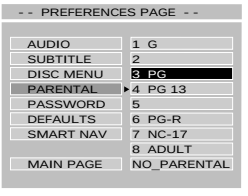
Note:
– If you forget the password, you can enter the default password 3308 and replace your password after logging in.

Setup Menu

Parental Control

Parental Control allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.

- If you set a rating for the player, all scenes with the same rating or lower will be played.
- If no suitable ratings is found, playback will stop and the 4-digit code has to be entered.
- VCD, SVCD, CD and illegal DVD discs has no level of defination, thus Parental Control are not available on these discs.

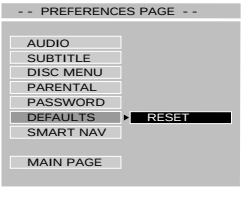


1 Press ▲▼ keys to select the PARENTAL in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight a rating from 1 to 8 for the loaded disc.
- Select NO PARENTAL and press OK to deactivated the Parental Control feature.

4 Press OK and press ◀ key to return to Preferences menu.

Default

Use DEFAULT feature if problems occur during setting the DVD player. This feature will reset all settings to factory default and all the personal settings will be erase.



1 Press ▲▼ keys to select the DEFAULTS in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Press OK.

Smart Navigator

Smart Navigator menu will be display during picture CD and MP3 CD playback.

1 Press ▲▼ keys to select the SMART NAV in the Preferences menu and press OK to confirm.
2 Enter the submenu by pressing the ▶ key.
3 Use the ▲▼ keys to highlight an option.
➜ NO MENU: playback all images or MP3 musics in sequence automatically
➜ WITH MENU: playback images or MP3 musics in the selected folder.
4 Press OK to confirm your selection.

3141 016 19691

Specifications

English

PLAYBACK SYSTEM

DVD Video
Video CD & SVCD
CD
MP3 CD
CD-R & CD-RW

VIDEO PERFORMANCE

CVBS	1 Vpp into 75 ohm
RGB (SCART)	0.7 Vpp into 75 ohm
Black Level Shift	On/Off

AUDIO FORMAT

Digital	MPEG/AC-3/DTS	Compressed Digital
	PCM	16, 20, 24 bits fs, 44.1, 48, 96 kHz
MPEG MP3	MPEG Audio L3	

Analogue Stereo Sound
Full decoding of Dolby Digital multi-channel surround sound

AUDIO PERFORMANCE

DA Converter	24 bits	
Signal-Noise (1kHz)	90 dB	
Dynamic Range (1kHz)	80 dB	
DVD	fs 96 kHz	4 Hz - 44 kHz
DVD/SVCD	fs 48 kHz	4 Hz - 22 kHz
SVCD/VCD/CD	fs 44.1 kHz	4 Hz - 20 kHz
MPEG MP3	MPEG Audio L3	

TV STANDARD (PAL/50Hz) (NTSC/60Hz)

Number of lines	625	525
Playback	Multistandard	(PAL/NTSC)

CONNECTIONS

SCART	Euroconnector
Video Output	Cinch (yellow)
Audio L+R output	Cinch (white/red)
Digital Output	1 coaxial IEC958 for CDDA / LPCM/ MPEG1 IEC1937 for MPEG2, Dolby Digital and DTS

CABINET

Dimensions (w x h x d)	435 x 235 x 71 mm
Weight	Approximately 2.7 Kg

Specifications subject to change without prior notice

Maintenance

Cleaning the Cabinet

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out. Do not wipe in a circular motion.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Cleaning the disc lens

- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with the cleaner.

3141 016 19691

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair.

Problem	Solution
No power	– Check if the AC power cord is properly connected.
No picture	– Check if the TV is switched on. – Check the video connection.
Distorted picture	– Sometimes a small amount of picture distortion may appear .This is not a malfunction.
Completely distorted picture or black/white picture with DVD or Video CD	– Make sure the NTSC/PAL setting at the DVD player matches the video signal of your television. (See NTSC/PAL Conversion/Settings)
No sound or distorted sound	– Adjust the volume. – Check that the speakers are connected correctly.
No audio at digital output	– Check the digital connections. – Check the settings menu to make sure the digital output is set to ALL or PCM. – Check if the audio format of the selected audio language matches your receiver capabilities.
No sound and picture	– Check that the SCART cable is connected to the correct device (See Connecting to a TV)
Disc can't be played	– Ensure the disc label is facing up. – Check if the disc is defective by trying another disc.
Picture freezes momentarily during playback	– Check the disc for fingerprints/scratches and clean with a soft cloth wiping from centre to edge.
No return to start-up screen when disc is removed	– Reset the unit by switching the player off, then on again.
The player does not respond to the remote control	– Aim the remote control directly at the sensor on the front of the player. – Reduce the distance to the player. – Replace the batteries in the remote control. – Re-insert the batteries with their polarities (+/– signs) as indicated.
Buttons do not work or player stops responding	– To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.
Player does not respond to some operating commands during playback.	– Operations may not be permitted by the disc. Refer to the instructions of the disc.
DVD Video player cannot read CDs/DVDs	– Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD player for repair.

If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

3141 016 19691

Meet Philips at the Internet
http://www.philips.com

DVD640

CLASS 1
LASER PRODUCT

3141 015 22132

The products and services described herein are not necessarily available in all countries
Due to continuous product improvements this document is subject to change without notice.